



JC03 Rec'd PTO 25 MAR 2005

PCT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

10/516296

Group Art Unit: 1711

In re the Application of: **ADACHI, Kenji, et al.**

Serial No.: **10/516,296**

Examiner: **To be assigned**

Filed: **December 8, 2004**

For: **ROOM-TEMPERATURE MOLTEN SALT, PROCESS FOR PRODUCING THE SAME AND APPLICATIONS THEREOF**

**INFORMATION DISCLOSURE STATEMENT**  
**PURSUANT TO 37 CFR 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

March 25, 2005

Sir:

The attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached Form PTO-1449. An International Search Report and one copy of each of these documents is attached.


No fee or certification is required in connection with this Information Disclosure Statement, since it is being submitted prior to the issuance of a first official action on the merits or expiration of the three month period following the filing date or the entry of the national stage of the above-captioned application.

The above information is presented so that the Patent and Trademark Office can, in the first instance, determine any materiality thereof to the claimed invention. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the documents cited in the attached Form PTO-1449 be made of record therein and appear on the first page of any patent to issue therefrom.

The Commissioner is authorized to charge our Deposit Account No. 01-2340 for any fee which is deemed by the Patent and Trademark Office to be required to effect consideration of this statement.

Respectfully submitted,

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP



Donald W. Hanson  
Attorney for Applicants  
Reg. No. 27,133

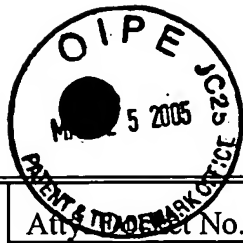
DWH/plb  
Atty. Docket No. **040644**  
Suite 1000  
1725 K Street, N.W.  
Washington, D.C. 20006  
(202) 659-2930



**23850**

PATENT TRADEMARK OFFICE

Enclosures: PTO-1449, International Search Report, and references (16)



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Patent No. 040644	Serial No. 10/516,296
	Applicant(s): ADACHI, Kenji, et al.	
	Filing Date: December 8, 2004	Group Art Unit: 1711

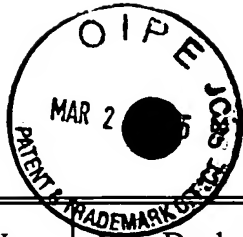
**U.S. PATENT DOCUMENTS**

Examiner Initial		Document No.	Name	Date	Class	Subclass	Filing Date (If appropriate)
_____	AA	5,683,832	Bonhote et al.	11-4-97	429	111	
_____	AB						

**FOREIGN PATENT DOCUMENTS**

		Document No.	Date	Country	Translation (Yes or No)
_____	AC	1 213 776 A2	6-12-02	EP	cited in search report
_____	AD	2002-110230	4-12-02	Japan	abstract - cited in search report
_____	AE	2001-243995	9-7-01	Japan	abstract - cited in search report
_____	AF	9-316045	12-9-97	Japan	abstract - cited in search report
_____	AG	2003-123791	4-25-03	Japan	abstract - cited in search report
_____	AH	08-259543	10-8-96	Japan	abstract - cited in specification

Examiner	Date Considered
----------	-----------------



<b>INFORMATION DISCLOSURE CITATION PTO-1449</b>	Atty. Docket No. 040644	Serial No. 10/516,296
	Applicant(s): Kenji ADACHI et al.	
	Filing Date: December 4, 2004	Group Art Unit: 1711

#### OTHER DOCUMENTS

_____	AI	H. Every et al.; "Ion diffusion in molten salt mixtures"; Electrochimica Acta 45 (2000) 1279-1284 (cited in Search Report)
_____	AJ	M. Yoshizawa et al.; "Design of New Ionic Liquids by Neutralization of Imidazole Derivatives with Imide-Type Acids"; Electrochemical and Solid State Letters, 4, (6), E25-E27 (2001) (cited in specification)
_____	AK	P. Bonhôte et al.; "Hydrophobic Highly Conductive Ambient-Temperature Molten Salts"; Inorganic Chemistry, Vol. 35, No. 5, 1996; pages 1168-1178 (cited in specification)
_____	AL	T. Umemoto et al.; "Synthesis of 2,2,2-Trifluoroethylated Onium Salts of Nitrogen, Sulfur, and Phosphorus with (2,2,2-Trifluoroethyl)phenyliodonium Triflate" Bull Chem. Soc. Jpn., Vol 64, No. 6, 2008-2010; (1991) (cited in specification)
_____	AM	M. Doyle et al.; "High-Temperature Proton Conducting Membranes Based on Perfluorinated Ionomer Membrane-Ionic Liquid Composites"; Journal of the Electrochemical Society, 147 (1), 34-37 (2000) (cited in specification)
_____	AN	M. Hirao et al.; "Preparation and polymerization of new organic molten salts; N-alkylimidazolium salt derivatives"; Electrochimica Acta, 45, (2000), 1291-1294 (cited in specification)
_____	AO	J. Wilkes et al.; "Air and Water Stable 1-Ethyl-3-methylimidazolium Based Ionic Liquids"; J. Chem. Soc., Chem. Commun. 1992 (cited in specification)
_____	AP	Chemistry, Vol. 56, No. 5 (2001) (cited in specification)
_____	AQ	M. Hirao et al., Journal of Electrochemical, etc. (cited in specification) page 4168
Examiner _____ Date Considered _____		